

AMENDMENTS TO THE CLAIMS

This listing will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1-10. (Canceled)

11. (New) A multi-focal contact lens wherein the lens is manufactured at least partially from a responsive polymer gel.

12. (New) A multi-focal contact lens according to Claim 11 wherein the responsive polymer gel changes shape and/or refractive index.

13. (New) A multi-focal contact lens according to Claim 11 wherein the responsive polymer gel responds to the application of stimulus.

14. (New) A multi-focal contact lens according to Claim 13 wherein the stimulus is an electric field.

15. (New) A multi-focal contact lens according to Claim 13 wherein the stimulus is a magnetic field.

16. (New) A multi-focal contact lens according to Claim 13 wherein the stimulus is produced by means embedded in the contact lens itself.

17. (New) A multi-focal contact lens according to Claim 16 wherein the means of providing the stimulus is a nano or micro chip.

18. (New) A multi-focal contact lens according to Claim 17 wherein the chip monitors the eye movement such that a change in eye movement causes the chip to emit the stimulus.

19. (New) A multi-focal contact lens according to Claim 17 wherein the chip monitors inter-pupillary distance and emits a stimulus when this changes.

20. (New) A multi-focal contact lens according to Claim 17 where the chip monitors the distance between the right and left contact lenses and emits a stimulus when this changes.